## **Index of Claims**

| Application/Control | No. |
|---------------------|-----|
|---------------------|-----|

10/801,369 Examiner

Anil Khatri

Applicant(s)/Patent under Reexamination

LAKE, JOHN MICHAEL

Art Unit

2191

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

0 Objected

Appeal

|          |                            | _        |  |  |              |          |              | 1        |          |  |    |
|----------|----------------------------|----------|--|--|--------------|----------|--------------|----------|----------|--|----|
| Cla      | Claim                      |          |  | Date   |              |          |              |          |          |  |    |
| Final    | Original                   |          | /  |  |              |          |              |          |          |  |    |
|          | 1                          |          | _  |  | _            |          |              |          |          |  |    |
|          | 2                          | 1        |  |  |              |          |              |          |          |  |    |
|          | 3                          | $\sqcap$ |  |  |              |          |              |          |          |  |    |
|          | 4                          |          |  |  |              |          |              |          |          |  |    |
|          | 5                          | $\perp$  |  |  |              |          |              |          |          |  |    |
|          | 1<br>2<br>3<br>4<br>5<br>6 | L        |  | <u> </u>                                     | L            | _        |              |          |          |  |    |
|          | 7                          | 1        | <u> </u>   | _  |              | _        |              |          |          |  | '  |
|          | 8                          | #        | <u> </u>   | <u> </u>                                     |              | _        |              | _        |          |  |    |
|          | 10                         | ╂        | ┝  |  |              |          |              | -        | _        | _  | ł  |
| <u> </u> | 11                         | Н        | _  |  |              |          |              |          | $\vdash$ |  |    |
|          | 12                         | +        | $\vdash$   |  | $\vdash$     | -        |              | _        |          |  |    |
| $\vdash$ | 13                         |          | _  | -  |              |          |              |          |          |  | l  |
|          | 13<br>14                   | H        | <u> </u>   |  | _            |          |              |          |          |  | 1  |
|          | 15                         | П        |  |  |              |          |              |          |          |  | l  |
|          | 16<br>17                   | П        |  |  |              |          |              |          |          |  |    |
|          | 17                         |          |  |  |              |          |              |          |          |  |    |
|          | 18<br>19<br>20             |          |  |  |              |          |              |          |          |  |    |
|          | 19                         |          |  |  |              |          |              |          |          |  | ]  |
|          | 20                         |          |  |  | _            |          |              |          | _        |  |    |
|          | 21                         |          |  |  |              |          |              |          |          |  | Į  |
|          | 22<br>23                   | <u> </u> |  |  |              | _        |              |          |          |  | ١. |
| <u> </u> | 23                         | ├_       | _  | _  | <u> </u>     | _        | <u> </u>     |          | ├—       | <u> </u>   | -  |
| -        | 24<br>25                   | ├        | Ŀ  | -  | ┝            | -        | _            | -        | -        | ├  | 1  |
| -        | 26                         | ├        | <del> </del> —                                   | ⊢  | ├            | ├        |              | -        | -        |  | 1  |
| $\vdash$ | 27                         | ┢        | -  | -  | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ |          | ┢  | ١. |
|          | 28                         | T        | _  | <del> </del>                                 |              |          |              |          | _        | ┢  | 1  |
|          | 29                         | T        | <del>                                     </del> | Т  | $\vdash$     |          |              |          |          | _  | 1  |
|          | 30                         |          |  |  |              |          |              |          |          |  | ]  |
|          | 31                         |          |  |  |              |          |              |          |          |  |    |
|          | 32                         |          |  |  |              |          |              |          |          |  |    |
|          | 33                         |          |  | _  | _            | 丄        | L_           | _        |          |  | 1  |
| <b> </b> | 34                         | ↓        | ļ  | <u>.                                    </u> | _            | ┡        |              | <u> </u> | <u> </u> | <u> </u>   |    |
| -        | 35<br>36                   | ļ.       |  |  | _            | ├        | <b> </b>     | <u> </u> |          | _  | 1  |
| -        | 37                         |          | ┢  | -  | -            | ├        | -            |          | -        | -  | ┨  |
| -        | 38                         | $\vdash$ | $\vdash$   | ┢  | ├            | ├        | <del> </del> | -        |          |  | ł  |
| -        | 39                         | -        | $\vdash$   | $\vdash$                                     | $\vdash$     | $\vdash$ | ┼──          | 1        |          |  | ł  |
|          | 40                         |          | $\vdash$   | ┢  | ┢            | 1        |              |          |          |  | 1  |
|          | 41                         |          |  |  |              | -        |              |          |          | <del>                                     </del> | 1  |
|          | 42                         |          | T  | au   | T            |          |              |          |          |  | 1  |
|          | 43                         | $L^-$    |  |  |              |          |              |          |          |  | ]  |
|          | 44                         |          |  |  |              |          |              |          |          |  | ]  |
|          | 45                         |          | 匚  | 匚  | 匚            | ullet    | $\Box$       |          |          | Ĺ  |    |
| <u></u>  | 46                         | _        | <u> </u> _                                       | <u>L</u>                                     | <u>L</u>     | _        | _            | <u></u>  | L        |  | 1  |
|          | 47                         | 1_       | <b>├</b>   | ├_   | <u> </u>     | <u> </u> | <del> </del> | _        | $\vdash$ |  | 1  |
| <u> </u> | 48                         | -        | ⊢  | $\vdash$                                     | <del> </del> | -        | $\vdash$     | <u> </u> |          |  | 1  |
| -        | 49<br>50                   | $\vdash$ | -  | -  | -            | -        | ╀            | -        | ├        | -  | 1  |
| L        | 1 50                       | <u> </u> | Ц_   | ــــــــــــــــــــــــــــــــــــــ       |              | <u> </u> | <u>L</u>     | L        |          | Ц_   | J  |

| Cla      | aim            |              |          |  |                | ate        | <del></del>  |              |                |                |    |
|----------|----------------|--------------|----------|--|----------------|------------|--------------|--------------|----------------|----------------|----|
|          |                |              |          |  |                |            |              |              |                |                |    |
| Final    | Original       |              |          |  |                |            |              |              |                |                |    |
|          | 51             |              |          |  |                |            |              |              |                |                |    |
|          | 52<br>53       |              |          |  |                |            |              |              |                |                |    |
|          | 53             |              |          |  |                |            |              |              |                |                |    |
|          | 54             |              |          |  |                |            |              |              |                |                |    |
|          | 55             |              |          |  |                |            |              |              |                |                | *  |
|          | 56             |              |          |  |                |            |              |              |                |                |    |
|          | 57             |              |          |  |                |            |              |              |                |                |    |
|          | 58             |              |          |  |                |            |              |              |                |                |    |
|          | 59             |              |          |  | <u> </u>       |            | <u> </u>     | L.,          |                |                |    |
|          | 60             |              |          |  |                |            |              |              |                |                |    |
|          | 61             |              |          | L  |                |            |              |              |                | _              |    |
|          | 62             |              |          |  |                |            |              | L            | _              |                |    |
|          | 63             |              |          |  | _              |            |              |              |                | _              |    |
|          | 64             | L            |          | _  |                |            | _            | _            |                |                |    |
|          | 65             |              |          |  |                |            |              |              |                |                |    |
|          | 66<br>67       |              |          | _  |                |            |              |              |                | _              |    |
|          | 67             |              |          |  |                |            |              |              |                |                |    |
|          | 68             |              |          | _  | _              |            | $oxed{oxed}$ |              |                |                |    |
|          | 69             |              |          |  | <u> </u>       |            | L            | _            |                |                |    |
|          | 70             |              |          |  |                |            |              |              |                |                |    |
|          | 71             |              |          |  |                |            |              |              |                |                |    |
|          | 72             |              |          |  |                |            | L.           |              |                |                |    |
|          | 72<br>73       |              |          |  | _              |            |              |              |                |                |    |
|          | 74<br>75       | L            |          |  |                |            |              |              |                |                | ļ  |
|          | 75             | _            |          |  | _              |            | _            |              |                | <u> </u>       | ļ  |
|          | 76             | _            |          |  |                | _          |              |              |                | <u> </u>       |    |
|          | 77<br>78<br>79 | _            | <u> </u> | _  | L              | _          | <u></u>      |              | _              |                |    |
|          | 78             |              | <u> </u> | _  | ╙              |            | <u> </u>     |              |                |                |    |
|          | 79             | <u> </u>     |          | _  | <u> </u>       |            | ļ            | <u> </u>     |                |                |    |
|          | 80             |              |          |  | L              | <u>L</u> . | _            | _            |                |                |    |
|          | 81             | <u> </u>     |          | $oxed{oxed}$                                     | _              |            | _            | <u> </u>     |                | _              |    |
| ļ        | 82<br>83       | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>       | <u> </u>   | $\vdash$     | <u> </u>     | $\vdash$       | <u> </u>       |    |
|          | 83             |              | ļ        | <u> </u>   | $\vdash$       | <u> </u>   |              | <u> </u>     | _              | _              |    |
| ļ        | 84             | _            | <u> </u> | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u>     | ⊢              | -              |    |
| <u> </u> | 85             |              | $\vdash$ | ⊢  | $\vdash$       | _          | $\vdash$     | <del> </del> |                | $\vdash$       | 1  |
| <u> </u> | 86             | ⊢            | <u> </u> | <u> </u>   | $\vdash$       | <u> </u>   | <u> </u>     | ├-           | <u> </u>       | <u> </u>       | 1  |
|          | 87             | <u> </u>     | $\vdash$ | 1  | $\vdash$       | ⊢          | ├            | <u> </u>     | $\vdash$       | $\vdash$       | 1  |
| <u> </u> | 88             | <b>-</b>     |          | 1  | -              | -          | ├            | -            | <del> </del> — | $\vdash$       |    |
| ļ        | 89             | _            | _        |  | -              | <u> </u>   | ├-           | -            | <u> </u>       | -              | 1  |
| <u> </u> | 90             | ⊢            | -        | -  | ├-             | ₩          | ⊢            | $\vdash$     | ├              | <del> </del> — | -  |
| <u> </u> | 91             | -            | -        |  | <del> </del>   | ├          | $\vdash$     | ├            | <u> </u>       | $\vdash$       | ł  |
|          | 92             | <del> </del> | ⊢        | $\vdash$   | -              |            | <del> </del> | $\vdash$     | 1              | $\vdash$       | -  |
|          | 93             |              | L        | $\vdash$   | -              | ├-         | -            | ⊬            | -              | -              | ł  |
|          | 94             | ├            | <u> </u> |  | ├              | ├-         | $\vdash$     | -            |                | <u> </u>       | 1  |
| ļ        | 95             | <u> </u>     | ├-       | -  | <del> </del> — | <u> </u>   | -            | -            |                | $\vdash$       |    |
| <u> </u> | 96<br>97       | -            | ├-       | ┡  | <u> </u>       | -          | -            | -            | -              | $\vdash$       | ١. |
|          | 9/             | <u> </u>     | 1        | <del>                                     </del> |                | ├—         | -            | +-           |                | $\vdash$       | 1  |
| -        | 98<br>99       | ├            | -        | $\vdash$   | $\vdash$       | $\vdash$   | -            | $\vdash$     | $\vdash$       | -              | 1  |
|          | 100            | -            | $\vdash$ | $\vdash$   | -              | -          | -            | $\vdash$     | $\vdash$       | -              | 1  |

| Cli   | aim                             |              |          |                |              | ate           | <br>e        |              |               | $\neg$          |
|-------|---------------------------------|--------------|----------|----------------|--------------|---------------|--------------|--------------|---------------|-----------------|
|       |                                 |              |          |                |              |               |              |              |               |                 |
| ਲ     | Original                        |              |          |                |              |               |              |              |               |                 |
| Final | rigi                            |              |          |                |              |               |              |              |               |                 |
| _     | 0                               |              |          |                |              |               |              |              |               |                 |
|       | 101                             |              |          |                |              |               |              |              | -             |                 |
|       | 101<br>102                      | Н            |          |                |              |               |              |              |               | П               |
|       | 103                             |              |          |                |              |               |              |              | $\overline{}$ |                 |
|       | 104                             |              |          |                |              | $\overline{}$ | -            |              |               | $\Box$          |
|       | 103<br>104<br>105               |              |          |                |              |               |              |              |               |                 |
|       | 106                             |              |          |                |              |               |              |              |               | $\Box$          |
|       | 106<br>107                      |              |          |                | _            |               |              |              |               | $\Box$          |
|       | 108                             |              |          |                |              |               |              |              |               |                 |
|       | 100                             |              |          |                |              |               |              |              |               |                 |
|       | 110                             |              |          |                |              |               |              |              |               |                 |
|       | 111                             |              |          |                |              |               |              |              |               |                 |
|       | 110<br>111<br>112<br>113        |              |          |                |              |               |              |              |               |                 |
|       | 113                             |              |          |                |              |               |              |              |               |                 |
|       | 114<br>115                      |              |          |                |              |               |              |              |               |                 |
|       | 115                             |              |          |                |              |               |              |              |               |                 |
|       | 116                             |              |          |                |              |               |              |              |               |                 |
|       | 117<br>118                      |              |          |                |              |               |              |              |               |                 |
|       | 118                             |              |          |                |              |               |              |              |               |                 |
|       | 119                             |              |          |                |              |               |              |              |               |                 |
|       | 120<br>121                      |              |          |                |              |               |              |              |               |                 |
|       | 121                             |              |          |                |              |               |              |              |               |                 |
|       | 122                             |              |          |                |              |               |              |              |               |                 |
|       | 123                             |              |          |                |              |               |              |              |               |                 |
|       | 123<br>124<br>125<br>126<br>127 |              |          |                |              |               |              |              |               |                 |
|       | 125                             |              |          |                |              |               |              |              |               |                 |
|       | 126                             |              |          |                |              |               |              |              |               |                 |
|       | 127                             |              |          |                |              |               |              |              |               |                 |
|       | 128<br>129<br>130               |              | <u> </u> |                |              |               | L.           |              |               |                 |
|       | 129                             |              |          | _              |              |               |              |              |               | Ш               |
|       | 130                             |              |          |                |              |               |              |              |               | Ш               |
|       | 131<br>132                      |              | Ŀ        |                |              |               |              |              |               | Ш               |
|       | 132                             | L            |          |                |              | L             | <u>_</u>     |              |               | Ш               |
|       | 133                             |              |          | ļ              | <u> </u>     |               | <u> </u>     | L_           | <u> </u>      | Ш               |
|       | 134                             | <u> </u>     | <u> </u> | <u> </u>       | <u> </u>     |               | _            | <u> </u>     | <u> </u>      | Щ               |
|       | 135                             | _            | <u> </u> | ļ              | <u> </u>     | <u> </u>      |              | <u> </u>     | <u> </u>      | Ш               |
|       | 136<br>137                      |              | <u> </u> | <u> </u>       | _            | <u> </u>      | L            | <u> </u>     | <u> </u>      | $\vdash$        |
|       | 137                             | _            |          | _              | $\vdash$     | $\vdash$      | ļ            |              | <u> </u>      | $\vdash \vdash$ |
|       | 138                             | _            | <u> </u> | <u> </u>       |              | -             | ·            |              | -             | $\vdash \vdash$ |
|       | 139                             |              | <u> </u> | _              | <u> </u>     |               | <u> </u>     | <u> </u>     | $\vdash$      | H               |
|       | 140                             |              | <u> </u> | <u> </u>       |              | <del>-</del>  | <u> </u>     | <u> </u>     | $\vdash$      | $\vdash \vdash$ |
|       | 141                             |              | $\vdash$ | -              | <del> </del> | $\vdash$      | -            | ├-           | ├             | $\vdash$        |
|       | 142                             | _            | <u> </u> | $\vdash$       | $\vdash$     |               |              | $\vdash$     | $\vdash$      | Н               |
|       | 143                             |              | -        | <u> </u>       |              | <u> </u>      | <u> </u>     |              | <u> </u>      | Н               |
|       | 144                             | <u> </u>     | <u> </u> | <del> </del> — | <b>!</b>     | <u> </u>      | <u> </u>     | -            | <u> </u>      | Н               |
|       | 145                             | -            | <u> </u> | <u> </u>       |              | -             | -            | ├-           | ├-            | $\vdash$        |
|       | 146                             | -            | <u> </u> | _              |              | ├             |              | <del> </del> | $\vdash$      | Н               |
|       | 147                             | 1            | ├-       | -              | - 22         | $\vdash$      | ₩            | ├            | <del> </del>  | $\vdash$        |
|       | 148                             | -            | ⊢        | 1—             | -            |               | <del> </del> | $\vdash$     | $\vdash$      | Н               |
| -     | 149                             | <del> </del> | $\vdash$ | -              | -            | -             | $\vdash$     | ⊢            | $\vdash$      | Н               |
|       | 150                             |              | _        | L              |              | L             | <u> </u>     |              | L             | Ll              |